## PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

Applicant's or agent's file reference 48483-402074  Applicant's or agent's file reference 48483-402074  FOR FURTHER ACTION See paragraphs 1 and 4 below  International application No. PCT/US 09/65142  Applicant SAINT LOUIS UNIVERSITY   1. May be provided that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.  Filing of amendments and statement under Article 19; The applicant is intelled, if he so wishes, to amend the claims of the international application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmittal of the international may be such as the search of the international application (see Rule 46): Where? Directly to the International Bureau of WIPO, 34 cloring des Colombettes 1211 Centers 20, Switzerland, Facsimile No.: +41 22 338 8270  The applicant is netwern to the accompanying sheet.  The applicant the retry notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.  The applicant's request to forward the texts of both the protest and the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.  In on decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.  4. Reminders  Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau and Searching Authority to the International preliminary examination report has been or is to be established. These comme	To: REBECCA RILEY-VARGAS POLSINELLI SHUGHART PC 100 SOUTH FOURTH STREET, SUITE 1100 ST. LOUIS, MO 63102-1825	PCT  NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION		
Applicant's or agent's file reference  48483-402074  International application No. PCT/US 09/65142  Applicant SAINT LOUIS UNIVERSITY   1. Applicant SAINT LOUIS UNIVERSITY  1. The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.  Filing of amendments and statement under Article 19: The applicant is intitled, if he so wishes, to amend the claims of the international application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.  Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: 441 22 338 8270  For more detailed instructions, see the notes on the accompanying sheet.  2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(s) to that effect and the written opinion of the International Searching Authority are transmitted herewith.  3. With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:  the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.  A reminders  Shortly after the expiration of 18 months from the priority date, the international application, an often priority claim, must reach the International Bureau as provided in Rules 906x.1 and 906x.3, respectively, before the completion of the technical preparations for international publication.  The applicant may submit comments on an informal basis on the written opinion of the International Bureau in the International Bureau will ask of a copy of such comments to all designated Offices unliked as international Bureau will ask of a copy of such commen				
International application No.   International filing date (day/month/year)   19 November 2009 (19.11.2009)		Date of mailing (day/month/year) 20 JAN 2010		
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Mail Stop PCT, Attn: ISA/US Commissioner for Patents P. O. Boy 1450, Alexandria, Virginia 22313-1450	Name and mailing address of the ISA/US	Authorized officer:		
P.O. Roy 1450. Alexandria, Virginia 22313-1450.	Mail Stop PCT, Attn: ISA/US			
Facsimile No. 571-273-3201 PCT OSP: 571-272-7774	P.O. Box 1450, Alexandria, Virginia 22313-1450			

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 48483-402074	FOR FURTHER ACTION	as well	see Form PCT/ISA/220 as, where applicable, item 5 below.		
International application No.	International filing date (day/me	onth/year)	(Earliest) Priority Date (day/month/year)		
PCT/US 09/65142	19 November 2009 (19.11.2009)		21 November 2008 (21.11.2008)		
Applicant SAINT LOUIS UNIVERSITY					
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.  This international search report consists of a total of sheets.  It is also accompanied by a copy of each prior art document cited in this report.  1. Basis of the report  a. With regard to the language, the international search was carried out on the basis of:  the international application in the language in which it was filed.  which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).  b This international search report has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).					
c With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. 1.					
2. Certain claims were found unsearchable (see Box No. II).					
3. Unity of invention is lacking (see Box No. III).					
4. With regard to the title,  the text is approved as submitted by the applicant.  the text has been established by this Authority to read as follows:					
	d, according to Rule 38.2, by this		it appears in Box No. IV. The applicant report, submit comments to this Authority.		
6. With regard to the drawings,					
postario de la companya del companya de la companya del companya de la companya d	pplicant.  thority, because the applicant fail thority, because this figure better	ed to sugges			